GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:3408
ANSWERED ON:11.12.2002
PRODUCTION OF HYDROGEN FROM SEA WATER
BASUDEB ACHARIA

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the DAE is planning to produce hydrogen from sea water for generating Electricity and produce fresh water;

(b) if so, the progress made in this regard; and

(c) the details thereof including the expected time by which the production is likely to be started?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF SMALL SCALE INDUSTRIES, MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINIS OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE)

(a), (b) and (c) Keeping in view the future energy requirements, a part of the Department of Atomic Energy`s long term strategy is to expand the role of nuclear energy as a primary energy source with production of hydrogen as one of the objectives. However, it will take considerable time before the results of research in this area can find practical application.

The Department of Atomic Energy has also set up a demonstration plant at Kalpakkam forthe conversion of sea-water into fresh water.